



# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 49884

Application ID: 10609035



Title of Invention: Seismic Signaling Apparatus and  
Method for Enhancing Signal  
Repeatability

First Named Inventor: Harold Barber

Domestic/Foreign Application: Domestic Application

Filing Date: 2003-06-27

Effective Receipt Date: 2003-10-28

Submission Type: Information Disclosure  
Statement

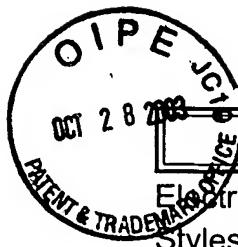
Filing Type:

Confirmation number: 8432

Attorney Docket Number: 1309-1018

Total Fees Authorized:

Digital Certificate Holder: cn=Lawrence Ray Youst,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 0dc082e1f9a9cde17019537b6812f671d856a003



## TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0

Title of Invention	Seismic Signaling Apparatus and Method for Enhancing Signal Repeatability	
Application Number:	10/609035	
Date:	2003-06-27	
First Named Applicant:	Mr. Harold P. Barber Sr.	
Confirmation Number:	8432	
Attorney Docket Number:	1309-1018	
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Submitted by:	Elec. Sign.	Sign. Capacity
Mr. Lawrence R. Youst Registered Number: 38,795	/Lawrence R. Youst/	Attorney
Documents being submitted us-ids	Files IDS-usidst.xml us-ids.dtd us-ids.xsl	
Comments		



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Seismic Signaling Apparatus and Method for Enhancing Signal Repeatability						
Application Number:	10/609035						
Confirmation Number:	8432						
First Named Applicant:	Harold Barber						
Attorney Docket Number:	1309-1018						
Art Unit:	2837						
Examiner:	Awaiting Assignment						
Search string:	( 4597352 or 4793274 or 4479183 or 4142353 or 4648647 or 5486082 or 4757482 or 6061635 or 5469404 or 4716553 or 4956822 or 4686660 or 4715023 or 4721180 or 6091668 or 3310128 or 3653460 or 3953826 or 4141431 or 4242740 or 4326271 or 4396088 or 4719987 or 1998412 or 4170002 or 4254480 or 4739858 or 5184329 or 5212669 ).pn.						
<b>US Patent Documents</b>							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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	2	4793274	1988-12-27	Regone			
	3	4479183	1984-10-23	Ergas			
	4	4142353	1979-03-06	Bruce et al.			
	5	4648647	1987-03-10	Patton			
	6	5486082	1996-01-23	Feldman et al.			
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	8	6061635	2000-05-09	Barber, Sr.			
	9	5469404	1995-11-21	Barber et al.			
	10	4716553	1987-12-29	Dragsund et al.			
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	12	4686660	1987-08-11	Glestrum et al.			

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29	5212669	1993-05-18	Jenkins

Signature

Examiner Name	Date